



K 2016

# Industrie 4.0

on the air in the VDMA TV Pavillon

FG 16.1



# Industrie 4.0

## Industrie 4.0

### on the air in the VDMA TV Pavillon

Industrie 4.0 creates added value.  
Experts will be discussing how in the VDMA television studio.

Visitors to the fair will be able to follow  
the discussions live every day on the spot.  
The events will be filmed by our media partner Plas.TV.

Enjoy the live atmosphere in the TV studio  
– we are looking forward to meeting you at the

**VDMA TV Pavilion FG 16.1**  
(outdoor space, opposite Hall 16)

**4.0** Industrie 4.0 –  
working for you!  
VDMA Plastics and Rubber Machinery

[plastics40.tv](https://plastics40.tv)

# Daily TV Shows

## Daily TV Shows

### **11:00 - 11:15**      **Morning Show**

- Opening panel discussion on the topic of the day.

### **13:00 - 13:30**      **Catch of the Day**

- Industrie 4.0 technology explained and illustrated with a particular (end) product (interactive company presentation).

### **14:00 - 14:30**      **Industrie 4.0 in a Nutshell**

- Industrie 4.0 for plastics and rubber machinery  
– a technological classification.

### **15:00 - 15:05**      **Making of 4.0 Daily**

- Production of the daily news broadcast.

### **16:30 - 17:00**      **Talk at the Pavilion**

- Expert panel discussion on the topic of the day.

### **17:00 - 18:30**      **Get-together**

- Opportunity for guests, members and representatives of the press to discuss matters in greater depth.

### **17:00 - 17:10**      **A Chat in the Bar**

- A light-hearted review of the day at the fair...

# Programme

## Programme

**19 October 2016**

### **Ready for Industrie 4.0 (English)**

**11:00 Morning Show**

Dr. Tim Lucas, Adidas

- Adidas Speed Factory.

**13:00 Catch of the Day**

Dr. Benedikt Brenken, Ralf Pampus,  
REIFENHÄUSER

**16:30 Talk at the Pavilion**

Dr. Karlheinz Bourdon, KraussMaffei Group;  
Heinz Gaub, ARBURG;  
Thorsten Kühmann, VDMA;  
Ulrich Reifenhäuser, REIFENHÄUSER

- Is the plastics and rubber industry ready for Industrie 4.0? What is changing and what are the objectives?

**20 October 2016**

### **Industrie 4.0 – Working for the Automotive Industry (English)**

**11:00 Morning Show**

Prof. Dr.-Ing. Peter Pickel, John Deere

- Farming and Industrie 4.0 – a contradiction?

**13:00 Catch of the Day**

Stefan Fenske, KraussMaffei Group

**16:30 Talk at the Pavilion**

Dr. Hans Ulrich Golz, KraussMaffei Group;  
Dr. Peter Neumann, ENGEL AUSTRIA;  
Wolfgang Sczygiol, BROSE

- Where is Industrie 4.0 already being used successfully in the motor industry? Practical examples.

## 21 October 2016

### Security and standards: How to be on the safe side (English)

#### 11:00 Morning Show

Ernst Esslinger, HOMAG Holzbearbeitungssysteme;  
Steffen Zimmermann, VDMA

- Prerequisites for data security with Industrie 4.0.

#### 13:00 Catch of the Day

Wolfgang Roth, Wittmann Battenfeld

#### 16:30 Talk at the Pavilion

Heinz Gaub, ARBURG;  
Dr. Harald Weber, VDMA;  
Michael Wittmann, Wittmann-Gruppe

- Standards for communication between machines.

## 22 October 2016

### Industrie 4.0 – China 2025 (English)

#### 11:00 Morning Show

Stanley Chu, Adsale;  
Erhard Wienkamp, Messe Düsseldorf

- Importance of Industrie 4.0 for the Chinese industry and its influence on exhibition policies.

#### 13:00 Catch of the Day

Paul Kapeller, ENGEL AUSTRIA

#### 16:30 Talk at the Pavilion

Dr. Reinhard Schiffers, KraussMaffei Group;  
Uwe Thönniss, Brückner Maschinenbau;  
Gero Willmeroth, ENGEL AUSTRIA;

- Standards for communication between machines.

## 23 October 2016

### Arbeit 4.0 / Work 4.0 and business organisation? (German)

#### 11:00 **Morning Show**

Benjamin Grümer, Suveni Kreimeier, IKV;  
Ralf Nolden, Achim Trübner, Kautex Maschinenbau

- How is Industrie 4.0 changing the working environment?

#### 13:00 **Catch of the Day**

Heinz Gaub, ARBURG

#### 16:30 **Talk at the Pavilion**

Thilo Brodtmann, VDMA;  
Dr. Peter Ittermann, TU Dortmund

- Influence of Industrie 4.0 on business organisation, qualification and education policies.

## 24 October 2016

### Industrie 4.0 – US Internet of Things (English)

#### 11:00 **Morning Show**

Wolfgang Meisen, KUKA Roboter

- Aircraft manufacturing and Industrie 4.0  
– a good team?

#### 13:00 **Catch of the Day**

Thomas Fischer;  
Herrmann Ultraschalltechnik

#### 16:30 **Talk at the Pavilion**

Ulrich Bartel, Coperion;  
Udo Skarke, Herrmann Ultraschalltechnik;  
N .N., Milacron

- The importance and potential of Industrie 4.0  
for the US plastics industry.

**25 October 2016**

**Industrie 4.0 plus**

**– Zukunft gestalten / Shaping the Future (German)**

**11:00 Morning Show**

Dr. Eric Maiser, VDMA

- “Deep Learning”

**13:00 Catch of the Day**

Dr. Torsten Schmitz, Windmüller & Hölscher

**16:30 Talk at the Pavilion**

Prof. Martin Bastian, SKZ;

Sandra Füllsack, Motan Holding;

Prof. Christian Hopmann, IKV;

Philipp Kremer, KUKA

- What will the factory of the future look like?  
A scientific perspective.

**26 October 2016**

**Industrie 4.0 at K 2016 – Wrap-up (German/English)**

**Highlights, perspectives, opportunities**

**– journalists discuss Industrie 4.0 at K 2016**

**13:00 German Press Club**

Dr. Karlhorst Klotz, Kunststoffe;

Günter Kögel, K-Zeitung;

Markus Lüling, K-Profi

**13:30 International Press Club**

Don Loepp, Plastics News;

Chris Smith, Injection World Magazine



## **ABB Automation GmbH**

**Hall 12 / booth B21**

Collaboration between humans and robots / Connected services for robots



## **ARBURG GmbH + Co KG**

**Hall 13 / booth A13**

Automated and networked production line for individualised plastic products



## **AZO GmbH & Co. KG**

**Hall 9 / booth C42**

With AZO's 4P model from conventional operating systems into service and assistance systems



## **battenfeld-cincinnati Austria GmbH**

**Hall 16 / booth B19**

Intelligent operating and visualization concept



## **Beckhoff Automation GmbH & Co. KG**

**Hall 11 / booth G21**

Industrie 4.0 for the plastics industry with PC-based control from Beckhoff





## **B&R Industrie-Elektronik GmbH**

**Hall 12 / booth B16**

Mapp technology for the plastics industry



## **bielomatik Leuze GmbH + Co. KG**

**Hall 11 / booth G60**

Visual display of servicing intervals and energy consumption data

# **BOLDER.**

## **Bolder automation GmbH**

**Hall 10 / booth E20**

Process optimisation through networked machine controls



A Member of Brückner Group

## **Brückner Maschinenbau GmbH & Co. KG**

**Hall 3 / booth C90**

Intelligent Line Management:  
Simplified line operation and higher line availability



## **BST eltromat International GmbH**

**Hall 4 / booth C34**

Industry 4.0 to optimize the entire plastics value chain in the context of quality assurance



## **Christian Maier GmbH & Co. KG Maschinenfabrik**

**Hall 3 / booth A73**

Efficient monitoring of rotary joints for longer uninterrupted run-times and predictive maintenance



## **Coperion GmbH**

**Hall 14 / booth B19**

ServiceBox for online monitoring and failure recording



## **ENGEL AUSTRIA GmbH**

**Hall 15 / booth C58**

Inject 4.0 - smart machine, smart service and smart production



## **EREMA Engineering Recycling Maschinen und Anlagen Ges.m.b.H.**

**Hall 9 / booth C05**

Online acquisition of production processes and networking of the production



## **GEISS AG**

**Hall 3 / booth D62**

Data exchange via master computer for traceability in the process chain



## **Gneuß GmbH**

**Hall 9 / booth A38**

Automated error analysis and suggestions for optimisation by remote maintenance



## **HEINRICH DREHER GmbH & Co. KG**

**Hall 9 / booth B04**

Automated self-optimising granulator with smart services



## **Herrmann Ultraschalltechnik GmbH & Co. KG**

**Hall 11 / booth E26**

Intelligent and network-ready  
ultrasonic generator



## **HF MIXING GROUP (Harburg-Freudenberger Maschinenbau GmbH)**

**Hall 9 / booth A24**

Prediction of service life or remaining  
life by digital wear measurement  
and the equipment life cycle indicator  
database



## **Kampf Schneid- und Wickeltechnik GmbH & Co. KG**

**Hall 3 / booth A92**

Converting 4.0 - KAMPF  
production cockpit



## **Kautex Maschinenbau GmbH**

**Hall 14 / booth A18**

Virtual machines for trainings,  
programming and troubleshooting

**KraussMaffei**  
Group

**KraussMaffei Group GmbH**  
Hall 15 / booth C24

Plastics 4.0 - intelligent machines,  
integrated production and interactive  
services

**KUKA**

**KUKA Roboter GmbH**  
Hall 12 / booth C49

Customer and applications-oriented  
automation solutions with  
ready-to-use packages

 **kurtz ersa**

**Kurtz GmbH**  
Hall 13 / booth B27

Kurtz central production  
management system –  
the way for smart factories

**Leistritz** 

**LEISTRITZ Extrusionstechnik  
GmbH**  
Hall 16 / booth F22

Communication with smart glasses  
and intelligent software applications

**motan**   
colortronic

**motan-colotronic GmbH**  
Hall 9 / booth C64

By information exchange via OPC UA  
from materials handling to  
materials management



**REIFENHÄUSER  
GmbH & Co. KG  
Maschinenfabrik**

**Hall 17 / booth C22**

Increase of productivity by human and machines working together efficiently



**schoen + sandt  
machinery GmbH**

**Hall 3 / booth C36**

SSMart-Control-App:  
mobile plant monitoring



**Sesotec GmbH**

**Hall 10 / booth E60**

Continuous flow of data  
to central control system



**Sumitomo (SHI) Demag  
Plastics Machinery GmbH**

**Hall 15 / booth D22**

Intelligent data exchange between machines, peripheral equipment and MES control room



## **TROESTER GmbH & Co. KG**

**Hall 16 / booth F40**

Analysis of machines via remote access for preventive maintenance



## **Vecoplan AG**

**Hall 9 / booth B59**

Industrie 4.0 service tool for preparation



## **Windmüller & Hölscher KG**

**Hall 17 / booth A57**

Packaging 4.0 - Intelligent machines and integrated processes



## **Wittmann Battenfeld GmbH, Wittmann Kunststoffgeräte GmbH**

**Hall 16 / booth D22**

**Hall 10 / booth A04**

Wittmann 4.0 - fully automatic, networked production cell



## **Zeppelin Systems GmbH**

**Hall 9 / booth B41**

Smart components app

## **VDMA**

Plastics and Rubber Machinery

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